

**ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY
DECENTRALIZED WASTEWATER TREATMENT FACILITIES VIA DRIP IRRIGATION
MONTHLY MONITORING REPORT**

PERMITTEE NAME

Joyce Street Cottages Property Owners Association Inc

FACILITY NAME

Joyce Street Cottages

PERMIT NO.

4957-WR-3

PERMITTEE ADDRESS

4200 Gabel Dr
Fayetteville AR 72703

FACILITY ADDRESS

3578 E Joyce Blvd
Fayetteville AR 72703

AFIN NO.

72-01805

WASTEWATER EFFLUENT MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
12/1/2018	12/31/2018

TREATED WASTEWATER EFFLUENT SAMPLING

Parameter	Limit	Sample Measurement	Units	Monitoring	Reporting
Flow, Monthly total	REPORT	0.182601	MG	Total Flow per calendar month	Prior to the 15th of the following Month
Flow, daily maximum *	REPORT	8,786	GPD	Daily	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	< 2	mg/l	Grab Sample once per month	
Total Suspended Solids (TSS)	45	8.4	mg/l		
Fecal Coliform Bacteria (FCB)	3,000	< 2	colonies/100ml		
pH	6.0 - 9.0	7.5	s.u.		
Total Phosphorus (TP)	REPORT	3.04	mg/l	Grab sample once per quarter	
Total Kjeldahl Nitrogen (TKN)	REPORT	33.8	mg/l		
Ammonia Nitrogen	REPORT	9.28	mg/l		
Nitrate Nitrogen (NO ₃ -N) + Nitrite Nitrogen (NO ₂ -N)	REPORT	3.24	mg/l		
Plant Available Nitrogen (PAN)	REPORT	19.9	mg/l		

NAME OF PRINCIPAL EXECUTIVE OFFICER

Ken Gregory

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

Ken Gregory
SIGNATURE OF COGNIZANT OFFICIAL

TELEPHONE

(479) 530-5926

DATE

1/3/2019

COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)

* LOADING RATE BY ZONE					
Zone 1	1256.40	Zone 5	1915.35		
Zone 2	1563.91	Zone 6	720.45		
Zone 3	1651.77				
Zone 4	1678.13				

Environmental Services Company, Inc.

Corporate Office
 13715 West Markham
 Little Rock, AR 72211
 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch
 1107 Century Avenue
 Springdale, AR 72762
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1812020196
 Customer Name : JOYCE STREET UTILITY LLC
 Customer/Permit No. : 1827 / 4957-WR-2 001
 Report Date : 12/27/18

Sample Date : 12/19/18
 Sample Time : 1015
 Sample Type : GRAB
 Sample From : EFFLUENT

Collected By: VLP
 Delivery By : VLP
 Work Order :
 Purchase Order :

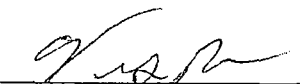
Laboratory Analysis

<u>Analysis</u>						<u>Quality Assurance</u>			
<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
								<u>% RPD</u>	<u>% Recovery</u>
12/19	1500	TSB	Ammonia as N, (HACH 10205)	9.28 mg/L			SM 2011 4500-NH3 F	2.09	104.4
12/27	0930	TSB	Total Kjeldahl Nitrogen	33.8 mg/L			02/2014 HACH 10242	1.13	115.0 *
12/19	1018	VLP	pH	7.5 S.U.			SM 2000 4500-H+ B	0.88	N/A *
12/26	1030	TSB	Phosphorous, Total (as P)	3.040 mg/L			EPA 365.3	0.72	108.0
12/21	1330	TSB	Solids, Total Suspended	8.4 mg/L			SM 2011 2540 D	12.66	N/A *
12/19	1630	TSB	Fecal Coliform (MPN/100mL)	< 2.0 /100ml			06/2012 Colilert18	0.00	0.0
12/19	1400	TSB	BOD, Carbonaceous	< 2.0 mg/L			SM 2001 5210 B	6.54	99.0 *
12/27	1045	TSB	Nitrate + Nitrite	3.24 mg/L			01/2013 HACH 10206	1.63	102.0 *
12/27	1400	TSB	Nitrogen, Plant Available	19.9 mg/L			SM 1997 4500-N		
12/12		ESC	Sample Collection/Travel	1 each					

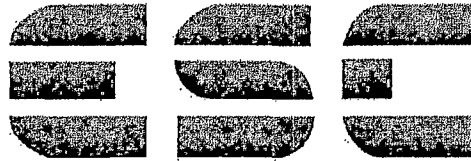
* QA data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature _____


 Environmental Services Co., Inc.

Environmental Services Company, Inc.
 Northwest Arkansas
 1107 Century Street
 Springdale, Arkansas 72762
 website: www.esclabs.com



Corporate Office, Little Rock, Arkansas
 501-221-2565

Carlsbad, New Mexico
 575-887-1ESC

Phone: 479-750-1170 Fax: 479-750-1172

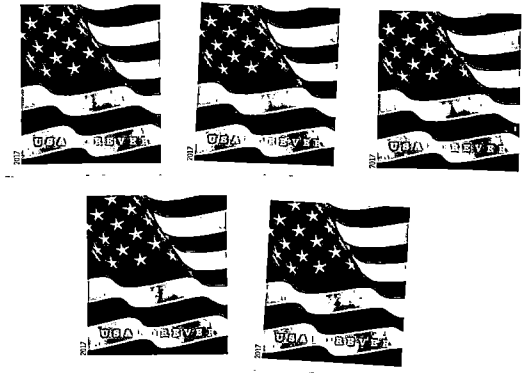
CHAIN OF CUSTODY

Client Information				Project Information						Requested Parameters											
Company Name: Joyce St. Utility LLC				Permit/Project #:						pH(23)	Phos(25)	CBOD(70), TSS(28) % Solids(82)	F. Coliform (43.1F)								
Address: 1849 Trillium Lane Fayetteville Ar 72704				Purchase Order #:																	
Telephone: (479)936-0333 (Cell)				Sampler Name(s): <i>V. J. PATE</i>																	
Telephone:				and Signature(s): <i>[Signature]</i>																	
ESC Client Number: 1827																					
Sample Identification		Sample Collection				Sample Containers															
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#												
EFFLUENT	1812020196	12-19-18	1015	GRAB	Water	teflon	150 ml	none	1	x											
EFFLUENT				GRAB	Water	Plastic	8 oz	H ₂ SO ₄ , pH<2	1		x										
EFFLUENT				GRAB	Water	Plastic	1/2 gal	none/ice	1			x									
EFFLUENT				GRAB	Water	Whirlpak	125 ml	Na ₂ S ₂ O ₃	1				x								
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:		Used? <input type="checkbox"/>		Intact? <input type="checkbox"/>									
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Turnaround:		Regular <input type="checkbox"/>		Special <input type="checkbox"/>									
Relinquished By: <i>[Signature]</i>		Date	Time	Received for Lab By: <i>[Signature]</i>		Date	Time	Were samples properly preserved:		Yes <input type="checkbox"/>		No <input type="checkbox"/>									
Comments:				FLOW DATA		Field Test	Time	Analyst	Result	Result	Units										
				Analyst:		pH:	1018	POO	7.5	7.5											
				Time:		Temp.:			13.2	13.1	°C										
				Reading:		DO:															
				Units:		Debris:															
Cool all samples to 6 degrees C.						Chlorinated? Yes No			This Document is Page ___ of ___												

P.O.
Fayetteville

BC: 72118532801 DUZ326N009194-00470

UNABLE TO FORWARD/FOR REVIEW
731 7E N C0001/09/19
R015



ADEQ Water Division
Permits Branch
5301 Northshore Dr
N Little Rock, AR 72118-5317